

Title (en)
CURTAIN BOTTOM TENSIONING ASSEMBLY

Title (de)
SPANNVORRICHTUNG FÜR EINE GARDINENUNTERSEITE

Title (fr)
SYSTEME POUR TENDRE LE BAS D'UN RIDEAU

Publication
EP 0808407 B1 20021218 (EN)

Application
EP 96905440 A 19960208

Priority
• US 9601794 W 19960208
• US 38674395 A 19950210
• US 43785395 A 19950509

Abstract (en)
[origin: WO9624742A1] A curtain bottom tensioning assembly comprised primarily of a resilient member (50) extending across the bottom of the door (10). The resilient member (50) is directly or indirectly coupled to a guide extension (100) extending beyond the leading edge of the door (10) and engaging vertical guide members (20, 30) to guide the door (10) in a vertical plane. The guide extensions (100) also engage the vertical guide members (20, 30) to restrict the guide extensions (100) from moving horizontally toward the curtain (10). The coupling between these horizontally restricted guide extensions (100) and the resilient member (50) places a tension on the resilient member (50). The resilient member (50) is thus stretched across the bottom of the door or curtain (10), and serves as a bottom bar that also substantially conforms to or deflects around an obstruction, thus preventing or minimizing damage to the door (10), the bottom bar and the obstruction.

IPC 1-7
E06B 9/17; **E06B 9/13**; **E06B 9/58**

IPC 8 full level
E06B 9/17 (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP US)
E06B 9/17046 (2013.01 - EP US); **E06B 9/581** (2013.01 - EP US); **E06B 2009/585** (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB IT NL

DOCDB simple family (publication)
WO 9624742 A1 19960815; BR 9607591 A 19980707; CA 2212628 A1 19960815; CA 2212628 C 20010724; DE 69625468 D1 20030130; DE 69625468 T2 20031030; EP 0808407 A1 19971126; EP 0808407 A4 19980527; EP 0808407 B1 20021218; MX 9705789 A 19971031; US 5915448 A 19990629

DOCDB simple family (application)
US 9601794 W 19960208; BR 9607591 A 19960208; CA 2212628 A 19960208; DE 69625468 T 19960208; EP 96905440 A 19960208; MX 9705789 A 19960208; US 82595897 A 19970404